Archives of
# Toxicology

**Official journal of EUROTOX**

**Edited on behalf of the Deutsche Gesellschaft für Experimentelle und Klinische Pharmakologie und Toxikologie**

Founded in 1930 by H. Wieland with the backing of the Deutsche Pharmakologische Gesellschaft. Vols. 1-14 published under the title "Sammlung von Vergiftungsfällen". Vols. 15-27 published under the title "Archiv für Toxikologie" and edited as follows: Vols. 1-4 by H. Fühner, Vols. 5-15/2 by B. Behrens, Vols. 15/3-16/1 by B. Behrens and K. Wagner, Vols. 16/2-22 incl. by B. Behrens, H. Oettel and K. Wagner, Vols. 23-28 incl. by D. Henschler, Vols. 29-36 incl. by W. D. Erdmann, Vols. 37-55/2 by H. Frohberg, as of Vol. 55/3 by H. M. Bolt. Publisher: E. C. W. Vogel, Leipzig-Berlin; from Vol. 11 (1941) Springer, Berlin.

## Contents of Volume 76 · 2002

Ádány R → Sziics S
Abdel-Monem AE → Abdel-Rahman AA
Abdel-Rahman AA, Blumenthal GM, Abou-Donia SA, Ali FAF, Abdel-Monem AE, Abou-Donia MB: Pharmacokinetic profile and placental transfer of a single intravenous injection of [$^{14}$C]chlorpyrifos in pregnant rats 452
Abou-Donia MB → Ashry KM
Abou-Donia MB → Abdel-Rahman AA
Abou-Donia MB → Abu-Qare AW
Abou-Donia SA → Abdel-Rahman AA
Abraham K → Geusau A
Abu-Qare AW, Abou-Donia MB: Binding of pyridostigmine bromide, *N,N*-diethyl-*m*-toluamide and permethrin, alone and in combinations, to human serum albumin 203
Abu-Qare AW → Ashry KM
Adachi J → Tomita M
Ahr H-J → Schmuck G
Ahr HJ → Vohr H-W
Akasaka S → Yoshida T
Albergoni V → Medici V
Ali FAF → Abdel-Rahman AA
Althoff J → Richter-Reichhelm H-B
Altuntas I, Delibas N, Demirci M, Kilinc I, Tamer N: The effects of methidathion on lipid peroxidation and some liver enzymes: role of vitamins E and C 470
Andoh K → Yoshida T
Andrews P, Freyberger A, Hartmann E, Eiben R, Loof I, Schmidt U, Temerowski M, Folkerts A, Stahl B, Kayser M: Sensitive detection of the endocrine effects of the estrogen analogue ethinylestradiol using a modified enhanced subacute rat study protocol (OECD Test Guideline no. 407) 194
Arts JHE → Cassee FR
Ashry KM, Abu-Qare AW, Saleem FR, Hussein YA, Hamza SM, Kishk AM, Abou-Donia MB: Inhibition and recovery of maternal and fetal cholinesterase enzymes following a single oral dose of chlorpyrifos in rats 30
Ayabe Y → Kojima M
Ayaki H → Sadewa AH

Bünger J → Müller M
Bahrami F → Carlsson C
Bakalova R → Mileva M
Banasik A → Lankoff A
Baranczewski P → Tuominen R
Barišić K, Petrik J, Rumora L, Čepelak I, Grubišić TŽ: Expression of Hsp70 in kidney cells exposed to ochratoxin A 218
Başaran N → Ündeğer Ü
Bastos ML → Carvalho M
Baur C → Csanády GA
Bellé R → Marc J
Bergman U, Östergren A, Gustafson A-L, Brittebo EB: Differential effects of olfactory toxicants on olfactory regeneration 104
Beuthin A → Dreßler J
Bhaskar ASB → Lakshmana Rao PV
Bhattacharya R → Lakshmana Rao PV
Bloksma N → Michielsen C
Bluemel J → Ulrich P
Blumenthal GM → Abdel-Rahman AA
Bolt HM, Degen GH: Comparative assessment of endocrine modulators with oestrogenic activity. II. Persistent organochlorine pollutants 187
Bolt HM → Thier R
Bolt HM → Degen GH
Borella Venturini M → Trevisan A
Borges F → Carvalho M
Brömme HJ → Weidauer E
Brüning T → Thier R
Bradamante V → Škare D
Bradamante V → Škare D
Brandt I → Lindhe Ö
Brandt I → Carlsson C
Brittebo EB → Bergman U
Brodsky B → Wormser U
Brodsky B → Wormser U
Brunnemann KD, Enzmann HG, Perrone CE, Iatropoulos MJ, Williams GM: In ovo carcinogenicity assay (IOCA): evaluation of mannitol, caprolactam and nitrosoproline 606
Buchet J-P → Hoet P
Bueters TJH, Groen B, Danhof M, IJzerman Ad P, van Helden HPM: Therapeutic efficacy of the adenosine $A_1$ receptor agonist $N^6$-cyclopentyladenosine (CPA) against organophosphate intoxication 650

Čepelak I → Barišić K
Čepelak I → Rumora L
Camacho IA, Nagarkatti M, Nagarkatti PS: 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) induces Fas-dependent activation-induced cell death in superantigen-primed T cells 570
Carlsson C, Bahrami F, Fredriksson A, Brandt I: Behavioural changes related to olfactory mucosal metaplasia and bulbar glial fibrillary acidic protein (GFAP) induction in methylsulphonyl-dichlorobenzene-treated mice 474
Carvalho F → Carvalho M
Carvalho F → Carvalho M
Carvalho M, Carvalho F, Remião F, de Lourdes Pereira M, Pires-das-Neves R, de Lourdes Bastos M: Effect of 3,4-methylenedioxymethamphetamine ("ecstasy") on body temperature and liver antioxidant status in mice: influence of ambient temperature 166
Carvalho M, Hawksworth G, Milhazes N, Borges F, Monks TJ, Fernandes E, Carvalho F, Bastos ML: Role of metabolites in MDMA (ecstasy)-induced nephrotoxicity: an in vitro study using rat and human renal proximal tubular cells 581
Cassee FR, Muijser H, Duistermaat E, Freijer JJ, Geerse KB, Marijnissen JCM, Arts JHE: Particle size-dependent total mass deposition in lungs determines inhalation toxicity of cadmium chloride aerosols in rats. Application of a multiple path dosimetry model 277

Chabicovsky M → Parzefall W
Chen Y-C, Shen S-C, Lee W-R, Lin H-Y, Ko C-H, Shih C-M, Yang L-L: Wogonin and fisetin induction of apoptosis through activation of caspase 3 cascade and alternative expression of p21 protein in hepatocellular carcinoma cells SK-HEP-1 351
Chitra KC → Latchoumycandane C
Chitra KC, Latchoumycandane C, Mathur PP: Effect of nonylphenol on the antioxidant system in epididymal sperm of rats 545
Chojnowska-Jezierska J → Wronska-Nofer T
Cholerton S → Kocabaş NA
Chou F-P → Hwang J-M
Chu C-Y → Hwang J-M
Cristofori P → Trevisan A
Csanády GA, Oberste-Frielinghaus HR, Semder B, Baur C, Schneider KT, Filser JG: Distribution and unspecific protein binding of the xenoestrogens bisphenol A and daidzein 299

D'Incà R → Medici V
Daly AK → Kocabaş NA
Danhof M → Bueters TJH
de Lourdes Bastos M → Carvalho M
de Lourdes Pereira M → Carvalho M
Degawa M → Kojima M
Degen GH → Bolt HM
Degen GH, Janning P, Diel P, Michna H, Bolt HM: Transplacental transfer of the phytoestrogen daidzein in DA/Han rats 23
Delbanco E → Huber WW
Delibas N → Altuntas I
Demedts MG → Hoet PMH
Demirci M → Altuntas I
Deok-Soo S, Rozman KK: 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) induces plasminogen activator inhibitor-1 through an aryl hydrocarbon receptor-mediated pathway in mouse hepatoma cell lines 404
Derfler K → Geusau A
Dettbarn W-D → Gupta RC
Diel P → Degen GH
Domijan A-M → Škare D
Domijan A-M → Škare D
Dreßler J, Schulz K, Klemm M, Schüttig R, Beuthin A, Felscher D: Lethal manganese-cadmium intoxication. A case report 449
Dubey R → Lakshmana Rao PV
Duistermaat E → Cassee FR

Eiben R → Andrews P
Endo T → Hara S
Enzmann HG → Brunnemann KD
Ewe S → Richter-Reichhelm H-B
Eyer P → Krummer S
Eyer P → Worek F

Felscher D → Dreßler J
Fernandes E → Carvalho M
Filser JG → Csanády GA
Flora SJS, Kannan GM, Pant BP, Jaiswal DK: Combined administration of oxalic acid, succimer and its analogue for the reversal of gallium arsenide-induced oxidative stress in rats 269
Folkerts A → Andrews P
Folkerts G → Haag M
Foth H → Weidauer E
Fredriksson A → Carlsson C
Fregona D → Trevisan A
Freijer JJ → Cassee FR
Freyberger A → Andrews P
Frossard N → Haag M
Fukuhara M → Yoshida T
Fukuoka M → Kurebayashi H

Galabov AS → Mileva M
Gamer AO → Jarry H
Geerse KB → Cassee FR
Geusau A, Schmaldienst S, Derfler K, Päpke O, Abraham K: Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: kinetics and trials to enhance elimination in two patients 316
Giannetto S → Medici V
Giovagnini L → Trevisan A
Granberg L → Lindhe Ö
Grenet O → Ulrich P
Grimm D → Riecke K
Groen B → Bueters TJH
Grubišić TŽ → Barišić K
Grundler O → Ulrich P
Gundert-Remy U → Richter-Reichhelm H-B
Guo H-R → Ho Y-S
Gupta N → Lakshmana Rao PV
Gupta RC, Milatovic D, Dettbarn W-D: Involvement of nitric oxide in myotoxicity produced by diisopropylphosphorofluoridate (DFP)-induced muscle hyperactivity 715
Gupta S → Pillai A
Gustafson A-L → Bergman U

Haag M, Leusink-Muis T, Le Bouquin R, Nijkamp FP, Lugnier A, Frossard N, Folkerts G, Pons F: Increased expression and decreased activity of cytochrome P450 1A1 in a murine model of toluene diisocyanate-induced asthma 621
Hack A → Roos PH
Hagmar L → Tuominen R
Halatek T → Wronska-Nofer T
Hallier E → Müller M
Hamza SM → Ashry KM
Hara S, Mukai T, Kurosaki K, Kuriiwa F, Endo T: Modification of the striatal dopaminergic neuron system by carbon monoxide exposure in free-moving rats, as determined by in vivo brain microdialysis 596
Hara T → Yamasaki K
Hartmann E → Andrews P
Hasegawa H → Imamura L
Hatayama K → Okazaki K
Haufroid V → Hoet P
Hawksworth G → Carvalho M
Hayakawa K → Iwanari M
Hayashi C → Sadewa AH
Hirose M → Okazaki K
Ho S-Y → Ho Y-S
Ho Y-S, Liou H-B, Lin J-K, Jeng J-H, Pan M-H, Lin Y-P, Guo H-R, Ho S-Y, Lee C-C, Wang Y-J: Lipid peroxidation and cell death mechanisms in pulmonary epithelial cells induced by peroxynitrite and nitric oxide 484
Hoet P, Buchet J-P, Sempoux C, Haufroid V, Rahier J, Lison D: Potentiation of 2,2-dichloro-1,1,1-trifluoroethane (HCFC-123)-induced liver toxicity by ethanol in guinea-pigs 707
Hoet PMH, Roesems G, Demedts MG, Nemery B: Activation of the hexose monophosphate shunt in rat type II pneumocytes as an early marker of oxidative stress caused by cobalt particles 1
Hsieh Y-S → Hwang J-M
Huang T-S → Yang M-L
Huber WW, Prustomersky S, Delbanco E, Uhl M, Scharf G, Turesky RJ, Thier R, Schulte-Hermann R: Enhancement of the chemoprotective enzymes glucuronosyl transferase and glutathione transferase in specific organs of the rat by the coffee components kahweol and cafestol 209
Hulst AG → Noort D
Hussein YA → Ashry KM
Hwang J-M, Wang C-J, Chou F-P, Tseng T-H, Hsieh Y-S, Lin W-L, Chu C-Y: Inhibitory effect of berberine on *tert*-butyl hydroperoxide-induced oxidative damage in rat liver 664

Iatropoulos MJ → Brunnemann KD
Ichinose T → Takano H
IJzerman Ad P → Bueters TJH
Ilinskaya ON → Karamova NS
Imamura L, Hasegawa H, Kurashina K, Matsuno T, Tsuda M: Neonatal exposure of newborn mice to pyrethroid (permethrin) represses activity-dependent c-*fos* mRNA expression in cerebellum 392
Imamura Y → Shimada H
Imatanaka N → Yamasaki K
Inoue K-i → Takano H
Irato P → Medici V
Ito R → Sakemi K
Ivanchenko OB → Karamova NS
Iwanari M, Nakajima M, Kizu R, Hayakawa K, Yokoi T: Induction of CYP1A1, CYP1A2, and CYP1B1 mRNAs by nitropolycyclic aromatic hydrocarbons in various human tissue-derived cells: chemical-, cytochrome P450 isoform-, and cell-specific differences 287
Iwata M → Tsukumo S

Jaiswal DK → Flora SJS
Janning P → Degen GH
Jansen R → Noort D
Jarry H, Metten M, Gamer AO, Wuttke W: Effects of 5-day styrene inhalation on serum prolactin and dopamine levels and on hypothalamic and striatal catecholamine concentrations in male rats 657
Jeng J-H → Ho Y-S
Jukić I → Škare D
Jukić I → Škare D

Kainzbauer E → Parzefall W
Kannan GM → Flora SJS
Karakaya AE → Kocabaş NA

Karamova NS, Ivanchenko OB, Ilinskaya ON, Zobov VV, Reznik VS: Genotoxicity study of a new tetraalkylammonium derivative of 6-methyluracil (agent No. 547) 122
Katsumata T → Okazaki K
Kayser M → Andrews P
Kayser M → Schmuck G
Kilinc I → Altuntas I
Kishk AM → Ashry KM
Kitamura Y → Okazaki K
Kizu R → Iwanari M
Klemm M → Dreßler J
Ko C-H → Chen Y-C
Kocabaş NA, Şardaş S, Cholerton S, Daly AK, Karakaya AE: Cytochrome P450 *CYP1B1* and catechol *O*-methyltransferase (*COMT*) genetic polymorphisms and breast cancer susceptibility in a Turkish population 643
Koizumi N → Sadewa AH
Kojima M, Nemoto K, Murai U, Yoshimura N, Ayabe Y, Degawa M: Altered gene expression of hepatic lanosterol 14α-demethylase (CYP51) in lead nitrate-treated rats 398
Komatsu Y, Ogra Y, Suzuki KT: Copper balance and ceruloplasmin in chronic hepatitis in a Wilson disease animal model, LEC rats 502
Kosaka H → Yoshida T
Kossmehl P → Riecke K
Kovačić S → Rumora L
Krummer S, Thiermann H, Worek F, Eyer P: Equipotent cholinesterase reactivation in vitro by the nerve agent antidotes HI 6 dichloride and HI 6 dimethanesulfonate 589
Kumagai S → Yoshida T
Kumagai Y → Shimojo N
Kurashina K → Imamura L
Kurebayashi H, Nambaru S, Fukuoka M, Yamaha T, Tanaka A: Metabolism and excretion of 2-nitro-*p*-cresol in rats 676
Kuriiwa F → Hara S
Kurosaki K → Hara S

Lakshmana Rao PV, Bhattacharya R, Gupta N, Parida MM, Bhaskar ASB, Dubey R: Involvement of caspase and reactive oxygen species in cyanobacterial toxin anatoxin-a-induced cytotoxicity and apoptosis in rat thymocytes and Vero cells 227
Lankoff A, Banasik A, Nowak M: Protective effect of melatonin against nodularin-induced oxidative stress in mouse liver 158
Lanser P → Schreurs R
Latchoumycandane C, Mathur PP: Induction of oxidative stress in the rat testis after short-term exposure to the organochlorine pesticide methoxychlor 692
Latchoumycandane C → Chitra KC
Latchoumycandane C, Chitra KC, Mathur PP: Induction of oxidative stress in rat epididymal sperm after exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin 113
Laxmi Priya P → Pillai A
Le Bouquin R → Haag M
Lee C-C → Ho Y-S
Lee MJ → Sadewa AH
Lee R → Shaw D
Lee W-R → Chen Y-C
Lee Y → Yang M-L
Legoza J → Sziics S
Leusink-Muis A → Michielsen C
Leusink-Muis T → Haag M
Lin H-Y → Chen Y-C
Lin J-K → Ho Y-S
Lin P-H → Tsai C-H
Lin W-L → Hwang J-M
Lin Y-P → Ho Y-S
Lindhe Ö, Granberg L, Brandt I: Target cells for cytochrome P450-catalysed irreversible binding of 7,12-dimethylbenz[a]anthracene (DMBA) in rodent adrenal glands 460
Liou H-B → Ho Y-S
Lison D → Hoet P
Loof I → Andrews P
Lotti M → Moretto A
Lu F-J → Yang M-L
Lucić A → Škare D
Lucić A → Škare D
Lugnier A → Haag M

Mäkitie A, Pirvola U, Pyykkö I, Sakakibara H, Riihimäki V, Ylikoski J: Functional and morphological effects of styrene on the auditory system of the rat 40
Möller L → Tuominen R
Mörke W → Weidauer E
Müller M, Bünger J, Voss M, Westphal G, Ruhnau P, Hallier E: Phenotyping of human glutathione *S*-transferase hGSTT1-1: a comparison of two ex vivo routine procedures 634
Maguer C → Marc J
Marc J, Maguer C, Bellé R, Mulner-Lorillon O: Sharp dose- and time-dependent toxicity of mercuric chloride at the cellular level in'sea urchin embryos 388
Marijnissen JCM → Cassee FR
Marzano C → Trevisan A
Mathur PP → Latchoumycandane C
Mathur PP → Chitra KC
Mathur PP → Latchoumycandane C
Matsunaga I → Yoshida T
Matsuno T → Imamura L
Medici V, Santon A, Sturniolo GC, D'Incà R, Giannetto S, Albergoni V, Irato P: Metallothionein and antioxidant enzymes in Long-Evans Cinnamon rats treated with zinc 509
Metten M → Jarry H
Meyer-Baron M → Seeber A
Meyer-Baron M, Schaeper M, Seeber A: A meta-analysis for neurobehavioural results due to occupational mercury exposure 127
Michielsen C, Zeamari S, Leusink-Muis A, Vos J, Bloksma N: The environmental pollutant hexachlorobenzene causes eosinophilic and granulomatous inflammation and in vitro airways hyperreactivity in the Brown Norway rat 236
Michna H → Degen GH
Mihail F → Schmuck G
Milatovic D → Gupta RC
Mileva M, Bakalova R, Tancheva L, Galabov AS: Effect of immobilization, cold and cold-restraint stress on liver monooxygenase activity and lipid peroxidation of influenza virus-infected mice 96
Milhazes N → Carvalho M
Milković-Kraus S → Škare D
Milković-Kraus S → Škare D
Miyabe Y → Sadewa AH
Mogilevski G → Roos PH
Monks TJ → Carvalho M
Moretto A, Lotti M: The relationship between isofenphos cholinergic toxicity and the development of polyneuropathy in hens and humans 367
Morita M → Takano H
Muijser H → Cassee FR
Mukai T → Hara S
Mulner-Lorillon O → Marc J
Murai U → Kojima M
Murata H → Shimada H

Nagafune J → Shimojo N
Nagai K → Yamasaki K
Nagaraj M → Sivaprasad R
Nagarkatti M → Camacho IA
Nagarkatti PS → Camacho IA
Nakagawa Y, Tayama K: Benzophenone-induced estrogenic potency in ovariectomized rats 727
Nakajima M → Iwanari M
Nakamura H → Okazaki K
Nakamura S → Yoshida T
Nambaru S → Kurebayashi H
Nemery B → Hoet PMH
Nemoto K → Kojima M
Nijkamp FP → Haag M
Nishikawa A → Okazaki K
Nishimatsu S → Tomita M
Nishio H → Sadewa AH
Noda S → Yamasaki K
Noda S → Yamasaki K
Noda S → Yamasaki K
Nofer J-R → Wronska-Nofer T
Nohara K → Tsukumo S
Nohno T → Tomita M
Noort D, Hulst AG, Jansen R: Covalent binding of nitrogen mustards to the cysteine-34 residue in human serum albumin 83
Nowak M → Lankoff A

Östergren A → Bergman U
Oberste-Frielinghaus HR → Csanády GA
Oda H → Yoshida T
Ogra Y → Komatsu Y
Ohno Y → Sakemi K
Oishi S: Effects of butyl paraben on the male reproductive system in mice 423
Okazaki K, Okazaki S, Nakamura H, Kitamura Y, Hatayama K, Wakabayashi S, Tsuda T, Katsumata T, Nishikawa A, Hirose M: A repeated 28-day oral dose toxicity study of genistein in rats, based on the 'Enhanced OECD Test Guideline 407' for screening endocrine-disrupting chemicals 553
Okazaki S → Okazaki K
Okuyama T → Tomita M
Otagiri M → Shimada H

Päpke O → Geusau A
Pan M-H → Ho Y-S
Pant BP → Flora SJS
Parida MM → Lakshmana Rao PV
Parzefall W, Kainzbauer E, Qin H-M, Chabicovsky M, Schulte-Hermann R: Response of isolated hepatocytes from carcinogen sensitive (C3H) and insensitive (C57BL) mice to signals inducing replication or apoptosis 699
Paul M → Riecke K
Pauluhn J: Critical analysis of biomonitoring endpoints for measuring exposure to polymeric diphenyl-methane-4,4'-diisocyanate (MDI) in rats: a comparison of markers of exposure and markers of effect 13
Pauluhn J → Vohr H-W
Pepeljnjak S → Rumora L
Peraica M → Škare D
Peraica M → Škare D
Perrone CE → Brunnemann KD
Petrik J → Barišić K
Pillai A, Laxmi Priya P, Gupta S: Effects of combined exposure to lead and cadmium on pituitary membrane of female rats 671
Pires-das-Neves R → Carvalho M
Pirvola U → Mäkitie A
Pons F → Haag M
Prustomersky S → Huber WW
Pyykkö I → Mäkitie A

Qin H-M → Parzefall W

Radić B → Škare D
Radić B → Škare D
Rahier J → Hoet P
Rannug A → Tuominen R
Rappaport SM → Tsai C-H
Reich R → Wormser U
Reiter G → Worek F
Remião F → Carvalho M
Reznik VS → Karamova NS
Richter-Reichhelm H-B, Althoff J, Schulte A, Ewe S, Gundert-Remy U: Workshop report. Children as a special subpopulation: focus on immunotoxicity. Federal Institute for Health Protection of Consumers and Veterinary Medicine (BgVV), 15–16 November 2001, Berlin, Germany 377
Riecke K, Grimm D, Shakibaei M, Kossmehl P, Schulze-Tanzil G, Paul M, Stahlmann R: Low doses of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin increase transforming growth factor $\beta$ and cause myocardial fibrosis in marmosets (*Callithrix jacchus*) 360
Riihimäki V → Mäkitie A
Roberts RA → Shaw D
Roesems G → Hoet PMH
Roos PH, Tschirbs S, Welge P, Hack A, Theegarten D, Mogilevski G, Wilhelm M: Induction of cytochrome P450 1A1 in multiple organs of minipigs after oral exposure to soils contaminated with polycyclic aromatic hydrocarbons (PAH) 326
Roos PH → Thier R
Roos PH: Differential induction of CYP1A1 in duodenum, liver and kidney of rats after oral intake of soil containing polycyclic aromatic hydrocarbons 75
Rozgaj R → Rumora L
Rozman KK → Deok-Soo S
Ruhnau P → Müller M
Rumora L, Kovačić S, Rozgaj R, Čepelak I, Pepeljnjak S, Žanić Grubišić T: Cytotoxic and genotoxic effects of fumonisin $B_1$ on rabbit kidney RK13 cell line 55
Rumora L → Barišić K

Şardaş S → Kocabaş NA
Škare D, Radić B, Lucić A, Peraica M, Domijan A-M, Milković-Kraus S, Bradamante V, Jukić I: Adamantyl tenocyclidines - adjuvant therapy in poisoning with organophosphorus compounds and carbamates 173
Škare D, Radić B, Lucić A, Peraica M, Domijan A-M, Milković-Kraus S, Bradamante V, Jukić I: Adamantyl tenocyclidines – adjuvant therapy in poisoning with organophosphorus compounds and carbamates 552
Sárváry A → Szíics S
Sadakane K → Takano H
Sadewa AH, Miyabe Y, Nishio H, Hayashi C, Sutomo R, Lee MJ, Ayaki H, Koizumi N, Sumino K: No relationship exists between itai-itai disease and TA repeat polymorphisms of the estrogen receptor $\alpha$ gene 467
Sakakibara H → Mäkitie A
Sakemi K, Ito R, Umemura T, Ohno Y, Tsuda M: Comparative toxicokinetic/toxicodynamic study of rubber antioxidants, 2-mercaptobenzimidazole and its methyl substituted derivatives, by repeated oral administration in rats 682
Saleem FR → Ashry KM
Santon A → Medici V
Sawaki M → Yamasaki K
Sawaki M → Yamasaki K
Sawaki M → Yamasaki K
Schäper M → Seeber A
Schüttig R → Dreßler J
Schaeper M → Meyer-Baron M
Scharf G → Huber WW
Schmaldienst S → Geusau A
Schmidt U → Andrews P
Schmuck G, Ahr H-J, Mihail F, Stahl B, Kayser M: Effects of the dithiocarbamate fungicide propineb in primary neuronal cell cultures and skeletal muscle cells of the rat 414
Schneider KT → Csanády GA
Schreurs R, Lanser P, Seinen W, van der Burg B: Estrogenic activity of UV filters determined by an in vitro reporter gene assay and an in vivo transgenic zebrafish assay 257
Schulte A → Richter-Reichhelm H-B
Schulte-Hermann R → Huber WW
Schulte-Hermann R → Parzefall W
Schulz K → Dreßler J
Schulze-Tanzil G → Riecke K
Seeber A → Meyer-Baron M
Seeber A, Meyer-Baron M, Schäper M: A summary of two meta-analyses on neurobehavioural effects due to occupational lead exposure 137
Seinen W → Schreurs R
Semder B → Csanády GA
Sempoux C → Hoet P
Shah ZA → Sharma P
Shakibaei M → Riecke K
Sharma P, Shah ZA, Shukla S: Protective effect of Tiron (4,5-dihydroxybenzene-1,3-disulfonic acid disodium salt) against beryllium-induced maternal and fetal toxicity in rats 442
Shaw D, Lee R, Roberts RA: Species differences in response to the phthalate plasticizer monoisononylphthalate (MINP) in vitro: a comparisonof rat and human hepatocytes 344
Shen S-C → Chen Y-C
Shih C-M → Chen Y-C
Shimada H, Yamaguchi S, Murata H, Otagiri M, Imamura Y: Cadmium exposure decreases androgen-dependent metabolism of acetohexamide in liver microsomes of male rats through its testicular toxicity 8
Shimojo N, Kumagai Y, Nagafune J: Difference between kidney and liver in decreased manganese superoxide dismutase activity caused by exposure of mice to mercuric chloride 383
Shukla S → Sharma P
Sintov A → Wormser U
Sivaprasad R, Nagaraj M, Varalakshmi P: Lipoic acid in combination with a chelator ameliorates lead-induced peroxidative damages in rat kidney 437
Stahl B → Andrews P
Stahl B → Schmuck G
Stahlmann R → Riecke K
Sturniolo GC → Medici V
Sumino K → Sadewa AH
Suter W → Ulrich P
Sutomo R → Sadewa AH
Suzuki KT → Komatsu Y
Szíics S, Tóth L, Legoza J, Sárváry A, Ádány R: Simultaneous determination of styrene, toluene, and xylene metabolites in urine by gas chromatography/mass spectrometry 560
Szinicz L → Worek F

Tóth L → Szíics S
Tago Y → Yamasaki K
Takano H, Yanagisawa R, Ichinose T, Sadakane K, Inoue K-i, Yoshida S-i, Takeda K, Yoshino S, Yoshikawa T, Morita M: Lung expression of cytochrome P450 1A1 as a possible biomarker of exposure to diesel exhaust particles 146
Takatsuki M → Yamasaki K
Takatsuki M → Yamasaki K
Takatsuki M → Yamasaki K
Takeda K → Takano H
Tamer N → Altuntas I
Tanaka A → Kurebayashi H
Tancheva L → Mileva M
Tayama K → Nakagawa Y
Temerowski M → Andrews P
Theegarten D → Roos PH
Thier R → Huber WW
Thier R, Brüning T, Roos PH, Bolt HM: Cytochrome P450 1B1, a new keystone

in gene-environment interactions related to human head and neck cancer? 249
Thiermann H → Krummer S
Tohyama C → Tsukumo S
Tomita M, Nohno T, Okuyama T, Nishimatsu S, Adachi J: Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction 530
Trevisan A, Marzano C, Cristofori P, Borella Venturini M, Giovagnini L, Fregona D: Synthesis of a palladium(II)-dithiocarbamate complex: biological assay and nephrotoxicity in rats 262
Tsai C-H, Lin P-H, Waidyanatha S, Rappaport SM: Fractionation of protein adducts in rats and mice dosed with [$^{14}$C]pentachlorophenol 628
Tschirbs S → Roos PH
Tseng T-H → Hwang J-M
Tsuda M → Sakemi K
Tsuda M → Imamura L
Tsuda T → Okazaki K
Tsukumo S, Iwata M, Tohyama C, Nohara K: Skewed differentiation of thymocytes toward CD8 T cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires activation of the extracellular signal-related kinase pathway 335
Tuominen R, Baranczewski P, Warholm M, Hagmar L, Möller L, Rannug A: Susceptibility factors and DNA adducts in peripheral blood mononuclear cells of aluminium smelter workers exposed to polycyclic aromatic hydrocarbons 178
Turesky RJ → Huber WW

Ündeğer Ü, Başaran N: Assessment of DNA damage in workers occupationally exposed to pesticide mixtures by the alkaline comet assay 430
Uhl M → Huber WW
Ulrich P, Grenet O, Bluemel J, Vohr HW, Wiemann C, Grundler O, Suter W: Cytokine expression profiles during murine contact allergy: T helper 2 cytokines are expressed irrespective of the type of contact allergen 62
Umemura T → Sakemi K

van der Burg B → Schreurs R
van Helden HPM → Bueters TJH
Varalakshmi P → Sivaprasad R
Vohr H-W, Pauluhn J, Ahr HJ: Respiratory hypersensitivity to trimellitic anhydride in Brown Norway rats: evidence for different activation pattern of immune cells following topical and respiratory induction 538
Vohr HW → Ulrich P
Vos J → Michielsen C
Voss M → Müller M

Wada T → Yamasaki K
Waidyanatha S → Tsai C-H
Wakabayashi S → Okazaki K
Wang C-J → Hwang J-M
Wang Y-J → Ho Y-S
Warholm M → Tuominen R
Weidauer E, Mörke W, Foth H, Brömme HJ: Does the anaerobic formation of hydroxyl radicals by paraquat monocation radicals and hydrogen peroxide require the presence of transition metals? 89
Welge P → Roos PH
Westphal G → Müller M
Wiemann C → Ulrich P
Wilhelm M → Roos PH
Williams GM → Brunnemann KD
Wisniewska-Knypl J → Wronska-Nofer T
Worek F, Reiter G, Eyer P, Szinicz L: Reactivation kinetics of acetylcholinesterase from different species inhibited by highly toxic organophosphates 523
Worek F → Krummer S
Wormser U, Brodsky B, Sintov A: Skin toxicokinetics of mustard gas in the guinea pig: effect of hypochlorite and safety aspects 517
Wormser U, Brodsky B, Reich R: Topical treatment with povidone iodine reduces nitrogen mustard-induced skin collagenolytic activity 119
Wronska-Nofer T, Chojnowska-Jezierska J, Nofer J-R, Halatek T, Wisniewska-Knypl J: Increased oxidative stress in subjects exposed to carbon disulfide ($CS_2$) - an occupational coronary risk factor 152
Wuttke W → Jarry H

Yamaguchi S → Shimada H
Yamaha T → Kurebayashi H
Yamasaki K, Tago Y, Nagai K, Sawaki M, Noda S, Takatsuki M: Comparison of toxicity studies based on the draft protocol for the 'Enhanced OECD Test Guideline no. 407' and the research protocol of 'Pubertal Development and Thyroid Function in Immature Male Rats' with 6-n-propyl-2-thiouracil 495
Yamasaki K, Sawaki M, Noda S, Wada T, Hara T, Takatsuki M: Immature uterotrophic assay of estrogenic compounds in rats given diets of different phytoestrogen content and the ovarian changes with ICI 182,780 or antide 613
Yamasaki K, Sawaki M, Noda S, Imatanaka N, Takatsuki M: Subacute oral toxicity study of ethynylestradiol and bisphenol A, based on the draft protocol for the 'Enhanced OECD Test Guideline no. 407' 65
Yanagisawa R → Takano H
Yang L-L → Chen Y-C
Yang M-L, Lee Y, Huang T-S, Lu F-J: Humic acid extracted from Blackfoot disease-endemic well water induces adipocyte differentiation of C3H10T1/2 fibroblast cells: a possible mechanism leading to atherosclerotic-like plaque in Blackfoot disease 48
Ylikoski J → Mäkitie A
Yokoi T → Iwanari M
Yoshida S-i → Takano H
Yoshida T, Andoh K, Kosaka H, Kumagai S, Matsunaga I, Akasaka S, Nakamura S, Oda H, Fukuhara M: Inhalation toxicokinetics of *p*-dichlorobenzene and daily absorption and internal accumulation in chronic low-level exposure to humans 306
Yoshikawa T → Takano H
Yoshimura N → Kojima M
Yoshino S → Takano H

Žanić Grubišić T → Rumora L
Zeamari S → Michielsen C
Zobov VV → Karamova NS

Indexed in *Current Contents*